

SHCHERBAKOVA, Ye.Ya. (Moskva)

Clinical aspects of acute posttraumatic intracranial hematomas.
Vop. neirokhir. 27 no.21:5-19 Ji-Ag'63 (MIRA 17:2)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni
Institut neyrokhirurgii imeni N.N.Burdenko (dir. ~ prof. B.G.
Yegorov) AMN SSSR.

SHCHERBAKOVA, Ye.Ya.

Variability of *Aspergillus niger* under the influence of ultra-violet rays. *Mikrobiologiya* 32 no.1:43-49 '63 (MIRA 17:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut konditerskoy promyshlennosti.

SHCHERBET, A.I.; 1974, 1975.

Correlation existing between morphological and physiological changes in *Aspergillus niger* mutants. Mikrobiologiya 33 no.2:252-260 May '64. (MIRA 17:12)

1. Institut mikrobiologii AN SSSR i Nauchno-issledovatel'skiy institut konditerskoy promyshlennosti.

LIFOVSKAYA, V.I.; SHCHERBAKOVA, Ye.Ia.

Distribution of the ten-year maximum thicknesses of the
snow cover of varying probability in the European part of
the U.S.S.R. Trudy GGO no.149:38-47 '63. (MIRA 17:1)

ИЛЕЧЕНА, В.И.; БУХАРОВА, Я.Я.

Prospective maximum decade heights of the snow cover of
varying probability on the territory of the U.S.S.R. Study
GGO no.161:10-22 '64. (MIRA 179)

1988-1989, 1990-1991, 1992-1993, 1994-1995, 1996-1997, 1998-1999, 2000-2001, 2002-2003, 2004-2005, 2006-2007, 2008-2009, 2010-2011, 2012-2013, 2014-2015, 2016-2017, 2018-2019, 2020-2021, 2022-2023, 2024-2025, 2026-2027, 2028-2029, 2030-2031, 2032-2033, 2034-2035, 2036-2037, 2038-2039, 2040-2041, 2042-2043, 2044-2045, 2046-2047, 2048-2049, 2050-2051, 2052-2053, 2054-2055, 2056-2057, 2058-2059, 2060-2061, 2062-2063, 2064-2065, 2066-2067, 2068-2069, 2070-2071, 2072-2073, 2074-2075, 2076-2077, 2078-2079, 2080-2081, 2082-2083, 2084-2085, 2086-2087, 2088-2089, 2090-2091, 2092-2093, 2094-2095, 2096-2097, 2098-2099, 2100-2101, 2102-2103, 2104-2105, 2106-2107, 2108-2109, 2110-2111, 2112-2113, 2114-2115, 2116-2117, 2118-2119, 2120-2121, 2122-2123, 2124-2125, 2126-2127, 2128-2129, 2130-2131, 2132-2133, 2134-2135, 2136-2137, 2138-2139, 2140-2141, 2142-2143, 2144-2145, 2146-2147, 2148-2149, 2150-2151, 2152-2153, 2154-2155, 2156-2157, 2158-2159, 2160-2161, 2162-2163, 2164-2165, 2166-2167, 2168-2169, 2170-2171, 2172-2173, 2174-2175, 2176-2177, 2178-2179, 2180-2181, 2182-2183, 2184-2185, 2186-2187, 2188-2189, 2190-2191, 2192-2193, 2194-2195, 2196-2197, 2198-2199, 2200-2201, 2202-2203, 2204-2205, 2206-2207, 2208-2209, 2210-2211, 2212-2213, 2214-2215, 2216-2217, 2218-2219, 2220-2221, 2222-2223, 2224-2225, 2226-2227, 2228-2229, 2230-2231, 2232-2233, 2234-2235, 2236-2237, 2238-2239, 2240-2241, 2242-2243, 2244-2245, 2246-2247, 2248-2249, 2250-2251, 2252-2253, 2254-2255, 2256-2257, 2258-2259, 2260-2261, 2262-2263, 2264-2265, 2266-2267, 2268-2269, 2270-2271, 2272-2273, 2274-2275, 2276-2277, 2278-2279, 2280-2281, 2282-2283, 2284-2285, 2286-2287, 2288-2289, 2290-2291, 2292-2293, 2294-2295, 2296-2297, 2298-2299, 2300-2301, 2302-2303, 2304-2305, 2306-2307, 2308-2309, 2310-2311, 2312-2313, 2314-2315, 2316-2317, 2318-2319, 2320-2321, 2322-2323, 2324-2325, 2326-2327, 2328-2329, 2330-2331, 2332-2333, 2334-2335, 2336-2337, 2338-2339, 2340-2341, 2342-2343, 2344-2345, 2346-2347, 2348-2349, 2350-2351, 2352-2353, 2354-2355, 2356-2357, 2358-2359, 2360-2361, 2362-2363, 2364-2365, 2366-2367, 2368-2369, 2370-2371, 2372-2373, 2374-2375, 2376-2377, 2378-2379, 2380-2381, 2382-2383, 2384-2385, 2386-2387, 2388-2389, 2390-2391, 2392-2393, 2394-2395, 2396-2397, 2398-2399, 2400-2401, 2402-2403, 2404-2405, 2406-2407, 2408-2409, 2410-2411, 2412-2413, 2414-2415, 2416-2417, 2418-2419, 2420-2421, 2422-2423, 2424-2425, 2426-2427, 2428-2429, 2430-2431, 2432-2433, 2434-2435, 2436-2437, 2438-2439, 2440-2441, 2442-2443, 2444-2445, 2446-2447, 2448-2449, 2450-2451, 2452-2453, 2454-2455, 2456-2457, 2458-2459, 2460-2461, 2462-2463, 2464-2465, 2466-2467, 2468-2469, 2470-2471, 2472-2473, 2474-2475, 2476-2477, 2478-2479, 2480-2481, 2482-2483, 2484-2485, 2486-2487, 2488-2489, 2490-2491, 2492-2493, 2494-2495, 2496-2497, 2498-2499, 2500-2501, 2502-2503, 2504-2505, 2506-2507, 2508-2509, 2510-2511, 2512-2513, 2514-2515, 2516-2517, 2518-2519, 2520-2521, 2522-2523, 2524-2525, 2526-2527, 2528-2529, 2530-2531, 2532-2533, 2534-2535, 2536-2537, 2538-2539, 2540-2541, 2542-2543, 2544-2545, 2546-2547, 2548-2549, 2550-2551, 2552-2553, 2554-2555, 2556-2557, 2558-2559, 2560-2561, 2562-2563, 2564-2565, 2566-2567, 2568-2569, 2570-2571, 2572-2573, 2574-2575, 2576-2577, 2578-2579, 2580-2581, 2582-2583, 2584-2585, 2586-2587, 2588-2589, 2590-2591, 2592-2593, 2594-2595, 2596-2597, 2598-2599, 2600-2601, 2602-2603, 2604-2605, 2606-2607, 2608-2609, 2610-2611, 2612-2613, 2614-2615, 2616-2617, 2618-2619, 2620-2621, 2622-2623, 2624-2625, 2626-2627, 2628-2629, 2630-2631, 2632-2633, 2634-2635, 2636-2637, 2638-2639, 2640-2641, 2642-2643, 2644-2645, 2646-2647, 2648-2649, 2650-2651, 2652-2653, 2654-2655, 2656-2657, 2658-2659, 2660-2661, 2662-2663, 2664-2665, 2666-2667, 2668-2669, 2670-2671, 2672-2673, 2674-2675, 2676-2677, 2678-2679, 2680-2681, 2682-2683, 2684-2685, 2686-2687, 2688-2689, 2690-2691, 2692-2693, 2694-2695, 2696-2697, 2698-2699, 2700-2701, 2702-2703, 2704-2705, 2706-2707, 2708-2709, 2710-2711, 2712-2713, 2714-2715, 2716-2717, 2718-2719, 2720-2721, 2722-2723, 2724-2725, 2726-2727, 2728-2729, 2730-2731, 27

Characterization of biodegradable active agents

variance obtained by the action of \mathcal{H}^{eff} on ψ_0 .

Mikrobiologia 33 no.1:49-55 Jan-Feb. (1978 17:2)

1. Nauchno-issledovatel'skiy institut i fond razvitiya promyshlennosti, Leningrad.

SHCHERBAKOVA, Ye.Ya., vrach

Role of serial angiography in early topical diagnosis of
intracranial hematomas during the acute period of cranio-
cervical traumas. Trudy Inst. im. N.V. Sklif. 8:113-121
'83. (MIRA 18:6)

1. institut neyrokhirurgii imeni akademika Burdenko AMN SSSR,
Moskva.

ZIL'BER, M.K. (Chelyabinsk); SHCHERBAKOVA, Z.I. (Chelyabinsk)

Density and surface tension of liquid waste slags from copper
smelting. Izv. AN SSSR. Otd. tekhn. nauk. Met. i topl. no.6:
42-44 N-D '61. (MIRA 14:12)

(Copper industry--By-products)
(Slag--Testing)

ROZENTSVEYG, S.A.; UFLYAND, N.Yu.; SHCHERBAKOVA, Z.V.

Adsorption of sulfur in iron in alkali solutions. Zhur. fiz.
khim. 36 no.3:557-561 Mr '62. (MIRA 17:8)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy institut.

14-57-6-12748
Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
pp 136-137 (USSR)

AUTHORS: Sklyarova, T. V., Shcherbakova, Z. P.

TITLE: Origin and Development of Plankton and Benthos on
Collective Farms in Voronezhskaya Oblast (K voprosu
o sostave i razvitiy planktona i bentosa kolkhosnykh
prudov Voronezhskoy oblasti)

PERIODICAL: Tr. Voronezhsk. zoovet. in-ta, 1956, Vol 13, pp 67-78

ABSTRACT: The authors describe seven ponds in the Verkhne-Khava
district which were formed when depressions with
moderately sloping grassy banks were flooded. Water
surface was clear and free of weeds; the ground was
chernozem ooze with deposits of clay and plant residuum.
Ponds, formed where natural or artificial bodies of
water had previously existed, were stocked with pike,
crucian carp, marlin, red perch, roach and perch. In

Card 1/3

Origin and Development of Plankton (Cont.)

14-57-6-12748

Aphanizomenon flos aquae. The number of indwelling species and the amount of available benthos and plankton differed from pond to pond. The authors advise that these data should be considered when the ponds are stocked.

Card 3/3

S. Ryabinina

ORIENTED, 1974

Fractured reservoir rocks and methods for studying them
through photographic logging. (Publ. no. 38-169-179 '65.
(17A 17:9)

VAKHUSHEV, V.A.; SHCHERBAKOVA, Z.V.

Corundum-spinel rocks in the Sangilen Ridge in southeastern Tuva.
Geol. i geofiz. no.4:113-115 '61. (MIRA 14:5)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR,
Novosibirsk.

(Sangilen Ridge--Corundum)

BOZENTSVEYU, S.A.; SHCHERBAKOVA, Z.V. (Leningrad)

Effect of sulfur on an iron electrode in alkaline solution.
Zhur.fiz.khim. 35 no.11:2547-2552 N '61. (MJRA 14:12)

2. Gosudarstvennyy nauchno-issledovatel'skiy akkumulyatornyy
institut, Leningrad.
(Electrodes, Iron)
(Sulfur)

VARTANOVA, N.S.; SHCHERBAKOVA, Z.V.

Temperatures of postmagmatic processes in granites. Dokl. AN
SSSR 159 no.6:1297-1300 D '64 (MIRA 18:1)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
Predstavleno akademikom V.S. Sobolevym.

SERGEYEV, N.; RIDER, V.A.; ORIPOV, Kh.; BRUNNER, Yu.N.; MANGUSH, Kh.;
ORLOVA, A.S.; SHCHERBAKOVSKIY, N.N.; LESHCHINSKIY, N.S.;
VOYAKOVSKAYA, Ye.S.; DERYABIN, V.I.

Letters to the editor. Zashch. rast. ot vred. i bol. 6 no.5:44-45
My '61. (MIRA 15:6)

1. Inspektor po karantinu rasteniy g.Labinsk, Krasnodarskogo kraya (for Sergeyev).
 2. Zaveduyushchiy Primorskim gosudarstvennym sortoispytatel'skim uchastkom Stalinskoy oblasti (for Mangush).
 3. Agronom po zashchite rasteniy Shchelkovskogo rayona, Moskovskoy obl. (for Orlova).
 4. Zaveduyushchiy Aleksandrovskim nablyudatel'nyy punktom, Kirovogradskaya obl. (for Shcherbakovskiy).
 5. Inspektor po karantinu rasteniy, g. Pyatigorsk, Stavropol'skogo kraya (for Leshchinskiy).
 6. Agronom po zashchite rasteniy g. Kamenets-Podol'skiy, Khmel'nitskoy oblasti (for Voyakovskaya).
- (Plants, Protection of)

SHCHERBACHOVSKIY, Vladimir Yakovlevich; GUROV, V.D., redaktor; KHRISTENKO,
V.P., redaktor izdatel'stva; KONYASHINA, A.D., tekhnicheskii
redaktor

[Drying wood in petrolatum; practices of the Repair and Construction
Trust of the Railroad District of Moscow] Sushka drevesiny v petrola-
tume; iz opyta remontno-stroitel'nogo tresta Zheleznodorozhnogo
raiona Moskvay. Moskva, Izd-vo M-va kommun.khoz. RSFSR, 1957. 70 p.
(Lumber--Drying) (Petrolatum) (MLRA 10:9)

GOROKHOVSKIY, Yu.N.; SHCHERBAKOVSKIY, Z.S.

Microsensitometric testing of color multilayer photographic materials. Zhur. nauch. i prikl. fot. i kin. 9 no.5:341-351
(MIRA 17:10)

1. Gosudarstvennyy opticheskiy institut imeni Vavilova, Leningrad.

GOROKHOVSKIY, Yu.N.; SHCHERBAKOVSKIY, A.S.

Effect of color development on the microsensitometric properties
of spectrozonal two-layer films, Zhur.nauch. i prikl.fot. i kin.
9 no.6:466-469 N-D '64. (MIRA 13:1)

1. Gosudarstvennyy opticheskiy institut imeni S.I.Vavilova,
Leningrad.

KRYUCHKOVA, V.A.; SHCHERBAN, A.

Synthetic materials in light industry. Inform. biul. VDMKH.
no.2:9-12 F '64. (MIRA 17:8)

1. Glavnyy inzh. Upravleniya shveytnoy promyshlennosti Moskovskogo
soвета narodnogo khozyaystva (for Kryuchkova).

SHCHERBAN', A.A.

Combination collector and sterilizer for test samples of cooked
mash. Spirt. prom. 24 no.3:39 '58. (MIRA 11:6)
(Distilling industries--Equipment and supplies)

135-5-11/14

SUBJECT: USSR/Welding

AUTHORS: Volchenko, V.N., Candidate of Technical Sciences, and Shcherban' A.B., Engineer.

TITLE: Torch for Semi-Automatic Welding in Carbon Dioxide. (Gorelka dlya poluavtomaticheskoy svarki v srede uglekislogo gaza).

PERIODICAL: "Svarochnoye Proizvodstvo", 1957, # 5, pp 27-28 (USSR).

ABSTRACT: A new water cooled torch was developed by the Zhdanov Metallurgical Institute in co-operation with the plant imeni Il'yich. The torch can be used with the welding machines "ПАУМ-500" or "ПМ-5". Its constructional features are: a tubular brass housing which is cooled by running water and connected by a nut to a detachable plastic handle. Replacement of casing does not require the removal of the torch, and the operation is done within 4-5 minutes. The end of the housing carries a replaceable gas nozzle made of copper. A push-button at the handle serves for switching on the power. The torch weighs about 500 grams. It has been tested with good results in welding casting defects in steel, and in welding sheet steel.

Card 1/2

SHCHERBAN, A.I.

A.A.

4. STUDY OF COEFFICIENT OF HEAT EXCHANGE IN NOZZLE OF VENT
WORK 18. (ISLEDZHAVAYA KOEFFITSIENTOV TEPLOOTDACHI I MODELYARN
OF HEAT EXCHANGE). Scherban, A.I. and Kremnev, O.A. (Kiev:
Akad. Nauk Ukrain. SSR 1951, 77pp., 4 roles). Experiments
are recorded with turbulent air flow in the pipes.

SHCHERBAN', A.I.,

DUBINSKIY, L.P., inzhener; SHCHERBAN', A.I., inzhener; YASHCHUK, K.S., inzhener.

Remarks on Engineer Belogolov's article "Experience in supplying large construction projects with electric power." Elek.sta. 25 no.3:59-60
(MLRA 7:6)

Mr '54.

(Electric power distribution) (Belogolov,)

SHCHERBAN', A.N., kandidat tekhnicheskikh nauk.

Geothermic observations in the Donets Basin. Zap.Inst.gor.mekh. AN
URSR no.6:58-79 '48. (MIRA 8:4)

(Donets Basin--Earth temperature)

SHCHERBAN', A.N., akademik; FURMAN, N.I., kand. tekhn. nauk. BELOGOLOVIN,
N.S., PRIMAK, A.V.; TARASEVICH, V.N.

Transistorized contactless relay device. Avtom. i prib. no.3:
47-49 JI-S '64. (MIRA 18:3)

1. Akademiya nauk UkrSSR (for Shcherban').

USSR, 1.

TA 38/49T97

USSR/Mining Method
Air Conditioning

Jan/Mar 49

"Refrigeration Engineering in the Coal Industry,"
A. Shcherban', Cand Tech Sci, 3 pp

"Kholodil Tekh" No 1

The deepest prewar coal-mining shafts in the Donets basin were 500 - 600 meters deep. Now, shafts of 1,200 - 1,500 meters are to be used. The temperature rise at 1,200 meters is figured to be approximately 40 - 47°. Discusses factors causing temperature rise and methods of air-conditioning the shafts.

38/49T97

Исследования, А.Н.

21748

Исследования, А.Н. Использование топлива из остатков воздуха
слабой компрессорной установки. Изв., 1949, № 7, с. 16-17.

SO: Letopis' Zhurnal'nykh Stroy, No. 29, Moskva, 1949

SHCHERBAN', A. N.

Heat formation in the coal mines of the Donets Basin Kiev, Izd-vo Akademii nauk Ukrainskoi SSR, 1950. 37 p. (51-27934)

TN808.R92D628

1. Coal mines and mining - Russia - Donets Basin.

SHCHERBAN', A.N., kandidat tekhnicheskikh nauk.

Effect of local heat sources on mine air temperature. Trudy Inst. gor.
dela AN USSR no.1:25-46 '51. (MIRA 10:3)

(Heat--Transmission) (Chemical reaction, Heat of)

SHCHERBAN, A. N.

USSR/Mining - Coal Mines, Air Conditioning 1951

"Problem of Air Conditioning in Deep Mines of Donbass," A. N. Shcherban', Cand Tech Sci

"Zap Inst Gornoy Mekh" No 9, pp 15-27

Discusses factors causing changes in condition of mine atm, and outlines basic problems in the field of investigating methods for air conditioning in deep mines. Some of these problems are: investigation of Donbass geothermy, hydrology of great depths, heat liberation by rocks and machinery, oxidation processes, industrial hygiene.

204T73

SECHERBAN', A.N., kandidat tekhnicheskikh nauk.

Method for the determination of air temperature in horizontal
headings in Donets Basin coal mines. Sbor.trud.Inst.gor.dela
AN USSR no.2:105-120 '52. (MLRA 7:12)

(Donets Basin--Coal mines and mining)

SHCHERBAN', A.N.; ZUBAROV, M., redaktor; VUYEK, M., tekhnicheskii redaktor.

[From stopes to entire mines operating on an uninterrupted mining schedule] Ot tsiklulushchikhsia lav do shakht sploshnoi tsiklichnosti. Kiev, Gos. izd-vo tekhnicheskoi lit-ry USSR, 1953. 153 p.
(Coal mines and mining) (MLRA 8:2)

CHCHERBAN, A. N.

Osnovy teorii i metody teplovykh raschetov rudnichnogo vozdukhа [Fundamentals
of the theory and methods of mine air heat calculation]. Moskva,
Ugletekhizdat, 1953. 368 p.

SC: Monthly List of Russian Accessions, Vol. 6 No. 9 December 1953

TRICHLIN, A. K.

Coal Mines and Mining

Effect of the use of pneumatic machinery in mines on the temperature of mine air.
Zhurnal 24, No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

SHCHERBAN', A.N.

Air conditioning in Donets Basin mines. Ugol' 28 no.12:10-12 D '53.

(MIRA 6:11)

1. Institut gornogo dela Akademii nauk USSR.

(Donets Basin--Mine ventilation) (Mine ventilation--Donets Basin)

SHCHERBAN', Aleksandr Nazarovich; YAGEL'SKIY, Anatoliy Naumovich;
BARATOV, Emil' Iosifovich; ZIL'BAN, M.S., redaktor; KRYLOVSKAYA,
N.S., tekhnicheskii redaktor.

[Simplified methods of making heat calculations for mine ventilation
in Donets Basin coal mines] Uproshchennye sposoby teplovykh rasche-
tov rudnichnogo vozdukh v shakhtakh Donbassa. Kiev, Izd-vo Akad.
nauk USSR, 1954. 126 p. (MIRA 8:2)
(Mine ventilation)

SHCHERBAN, O. N.

USSR/ Scientific Organization

Card 1/1 Pub. 138 - 2/12

Authors : ~~Shcherban', O.N.~~ Chief Scient. Secretary of the Presidium of the Ukr-Acad. of Sc.

Title : Basic results of scientific activity and introduction into practice of finished works of the Academy of Sciences Ukr-SSR during 1953. Tasks for 1954

Periodical : Visnik AN URSR 3, 8-21, Mar 1954

Abstract : The great contributions of the Academy of Sciences Ukr-SSR to the development of agriculture and industry in the Ukr-SSR during 1953, are listed. The scientific research plans of the Academy for the year 1954 are announced. Present and future appointments of young scientists to scientific positions at the Academy and its Branches are reported.

Institution:

Submitted:

SHCHERBAN', A.N.

USSR/Scientific Organization

Card 1/1

Author : Shcherban', A. N., Chief, Sci. Secr. of the Presidium of the Acad. of
Sci. of the USSR

Title : Creative co-operation

Periodical : Nauka i Zhizn' 21/3, 5-7, Mar/1954

Abstract : The 300th anniversary of the Union of the Ukraine with Russia brought
about reminiscences of the effect of Russian science on Ukrainian
science. More than 1,500 scientific workers, of whom 88 are active
members and 105 corresponding members, are carrying on research in
more than 50 scientific-research institutes of the Ukrainian Academy
of Sciences.

Institution :

Submitted :

SHCHERBAN', O.N., professor.

Development of science in fraternal Bulgaria. Vistyak AN URSR 25
no. 10:44-54 0 '54. (MIRA 8:1)
(Bulgarian Academy of Sciences)

SHCHERBAN', Aleksandr Nazarevich, professor, doktor tekhnicheskikh nauk;
KUCHEROV, P.S., redaktor; KAZANTSEV, B.A., redaktor; RAKHLINA,
N.P., tekhnicheskii redaktor.

[Development of technical sciences in the people's democracies]
Razvitie tekhnicheskikh nauk v stranakh narodnoi demokratii.
Kiev, Izd-vo Akademii nauk USSR, 1955. 26 p. (MLRA 9:5)

1. Chlen-korrespondent Akademii nauk USSR. (for Kucherov)
(Europe, Eastern--Technology) (China--Technology)

SHCHERBAN', Aleksandr Nazar'yevich; FUJMAN, Neonil Izrailevich; KUCHEROV,
P.S., redaktor; TITKOV, B.S., redaktor; SIVACHENKO, Ye.K., tekhnicheskiy
redaktor

[Detecting and controlling methane in mines and industrial structures]
Obnaruzhenie i kontrol' metana v shakhtakh i promyshlennykh zdaniyakh.
Kiev, Izd-vo Akademii nauk USSR, 1955. 100 p. (MIRA 9:2)

1. Chlen-korrespondent AN U.S.S.R. (for Kucherov)
(Methane)

SHCHERBAN, C. IV.

USSR.

✓ Continuous methane gas analyzer for mines. Q. N. Shcherban. *Visti Akad. Nauk Ukr.R.S.S.R.* 26, No. 1, 88-9 (1955).—The instrument is designed to analyze the mine air for CH₄ content in the range 0.1 to 5.0% CH₄. It is claimed that the instrument is not affected by: (1) humidity of the atm.; (2) gas contents of CO, CO₂, H₂S, and H₂; (3) coal dust in the gas compartment of the app.; (4) thermal variations in the test conditions. No details on the construction features or dimensions of the app. are available. M. O. Holowaty

SHCHERBAN', O.N., doktor tekhnicheskikh nauk; KREMNI'OV, O.O.

Problems in estimating and regulating thermal conditions in the deep
mines of the Donets Basin. Visnyk AN URSR 26 no.7:3-15 71'55.
(Donets Basin—Mine ventilation) (MLRA 8:10)

SHCHERBAN', O.N.; TSIRUL'NIKOV, A.S.

Mechanics of unexpected eruptions of coal and gas. Visnyk AN
URSR 26 no.11:24-36 II '55. (MLRA 9:2)
(Mine explosions)

SHCHERBAN', A. (N) Dr. Chief Sci. Secretary, Ukrainian SSR Acad Sci

"Atomic Energy in the Service of Man" Pravda Ukrainy, No. 114, p. 2, 15 May 55

Translated excerpts - D 332096, 20 Sep 55

SHCHERBAN', A.N.; KREMNEV, O.A.; CHERNOBYL'SKIY, I.I.; UCHASTKIN, P.V.;
TETREVNikov, V.N.; YAGEL'SKIY, A.N.; KUCHEROV, P.S., redaktor;
TITKOV, B.S., redaktor izdatel'stva; ZHUKOVSKIY, A.D., tekhnicheskii
redaktor

[Cooling and drying of air in deep coal mines] Okhlazhdenie i
osushenie vozdukh v glubokikh ugel'nykh shakhtakh. Pod obshchei
red. A.N.Shcherbania i O.A.Kremneva. Kiev, Izd-vo Akademii nauk
USSR, 1956. 271 p. (MLRA 9:12)

1. Chlen-korrespondent AN USSR (for Kucherov)
(Mine ventilation)

~~SHCHERBAN~~². Aleksandr Nazarovich, professor, kandidat tekhnicheskikh nauk;
YAGEL'SKIY, Anatoliy Naumovich, inzhener; KREMNEV, O.A., ovetstven-
nyy redaktor; RATNIKOVA, A.P., redaktor izdatel'stva; ANDREYEV, G.G.,
tekhnicheskiy redaktor; KOROVENKOVA, Z.A., tekhnicheskiy redaktor

[Air conditioning in mines] Konditsionirovaniye rudnichnogo vozdukh.
Moskva, Ugletekhizdat, 1956. 351 p. (MIRA 10:3)
(Mine ventilation)

SOV/112-57-5-10531

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 5, p 143 (USSR)

AUTHOR: Shcherban', A., Furman, N.

TITLE: Equipment for Automatic Determination of Thermal Physical Constants
(Apparatura avtomaticheskogo opredeleniya teplofizicheskikh konstant)

PERIODICAL: Stroit. materialy, izdeliya i konstruksii, 1956, Nr 3, pp 8-9

ABSTRACT: Determining the thermal physical characteristics of heat-insulating and construction materials by methods of the regular-condition theory is associated with the necessity of obtaining cooling curves of the body in question; this requires a constant-temperature medium and a differential thermocouple. As the specimen temperature usually does not exceed that of the ambient medium by more than 20-25°C, a mirror-type galvanometer is conventionally used for measurements. To simplify tests and to exclude subjective errors, it is suggested that a magnetic amplifier with a type SG recording millivolt-meter be used at the output end. A simplified circuit diagram of a simple-stage differential magnetic amplifier with an amplification factor 30 is presented.

M.A.K.

Card 1/1

3. ~~SHCHERRAN!~~ O.N.

Develop scientific studies on the utilization of atomic power for peaceful purposes. Visnyk AN URSR 27 no.5:20-30 My '56. (MLRA 9:8)
(Atomic power)

SHCHERBAN', Aleksandr Nazar'yevich; KUCHEROV, P.S., otv.red.; PECHKOVSKAYA,
O.M., red.izd-va; ZHUKOVSKIY, A.D., tekhn.red.

[Exploitation of coal deposits in the Korean People's Democratic
Republic; a technical study] Razrabotka ugol'nykh mestorozhdenii
v Koreiskoi Narodno-Demokraticheskoi Respublike; tekhnicheskii
ocherk. Kiev, Izd-vo Akad.nauk USSR, 1957. 38 p. (MIRA 12:2)

1.Chlen-korrespondent AN USSR (for Kucherov).
(Korea, North--Coal mines and mining)

RUBIN

PALLADIN, O.V., red.; SEMENENKO, M.P., akademik, red.; SHCHERBAN, O.M., akademik, red.; GNEDENKO, B.V. [Hniedenko, B.V.], akademik, red.; DELIMARSKIY, Yu.K. [Delimars'kyi, IU.K.], akademik, red.; KAVETSKIY, R.Ye. [Kavets'kyi, R.IE.], akademik, red.; KHRENOV, K.K. [Khrienov, K.K.], akademik, red.; KOROID, O.S., kand.ekon.nauk, red.; GUDZENKO, P.P. [Hudzenko, P.P.], kand.ist.nauk, red.; SHIKAN, V.L., red.; izd-va; RAKHLINA, N.P., tekhn.red.

[Development of science in the Ukraine during the past 40 years]
Rozvytok nauky v Ukraini'skii RSR za 40 rokiv. Kyiv, 1957. 529 p.
(MIRA 11:3)

1. Akademiya nauk URSR, Kiyev (for Semenenko, Shcherban', Gnedenko, Delimarskiy, Kavetskiy, Khrenov)
(Ukraine---Science)

AUTHORS:

Shcherbak , A.M., Furman, L. I

SOV/19-58-1-340/523

TITLE:

A Device for Rapid Determination of Thermophysical Constants by the Method of Regular Thermal Conditions (Ustanovka dlya skorostnogo opredeleniya teplofizicheskikh konstant po metodam regul'yarnogo teplovogo rezhima)

PERIODICAL:

Byulleten' izobreteniy, 1958, Nr 4, p 86 (USSR

ABSTRACT:

Class 421, 15. Nr 109311 (455618/274-54, 19 March 1954). Submitted to the USSR Ministry of the Coal Industry. The device for rapid determination of thermophysical factors by the method of regular conditions consists of a calorimeter with a thermocouple and a fixing device. The fixing device contains a recording millivoltmeter connected to the data-unit, which measures the temperature difference, by a single-stage differential magnetic amplifier.

Card 1/1

AUTHOR: Shcherban', O.N., Member of the AN Ukrainian SSR 11-5-1126

TITLE: Development of Science in the Soviet Ukraine (Raztsvet nauki Sovetskoy Ukrainy)

PERIODICAL: Dopovidi Akademii Nauk Ukrainy'skoi SSR, 1957, Nr 5, pp. 423-430 (USSR)

ABSTRACT: The Academy of Sciences of the Ukrainian SSR has 5 departments and over 50 scientific research institutions in which about 2,000 scientific workers are employed. Besides this Academy, the Ukraine has also the Academy of Agricultural Sciences and the Academy of Architecture and Construction. Altogether, 30,000 scientists are working in the 400 scientific research organizations of the Ukraine, of which about 17,000 scientific workers are occupied with research in 130 higher educational institutions. Recently, a cyclotron laboratory was established in the Institute of Physics, where research in nuclear reactions and neutron physics is being carried out. At present, a nuclear reactor is being constructed. Studies of isotopes were begun by the Institute of Physical Chemistry imeni L.V. Pisarzhevskiy in 1934. At the same time, this Institute produced heavy water for the first time in the Soviet Union. The problem of semiconduct-

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ors is being studied in the Kiyev Polytechnic Institute, Kiyev State University and Institute of Physics of the AN Ukrainian SSR. The scientists of the latter institute have manufactured such semiconductor devices as germanium diodes and triodes of 2 to 3 mm. in size. The famous mathematician M.M. Krylov and his school in Kiyev have performed investigations in the field of approximation methods of calculus and theory of dynamic systems. Academician N.N. Bogolyubov and his disciples have carried out research in mathematical physics and non-linear mechanics. The designing of a new specialized computer for solving large systems of algebraic equations is nearing completion. In 1954, the construction of a computing center in the Ukraine was begun. The L'vov Institute of Machine Study and Automation, the Institute of Gas Utilization and the L'vov Polytechnic Institute are carrying out important research in the automation of manufacturing processes. In 1955, the Institute of Radiophysics and Electronics was incorporated in the system of the Ukrainian Academy of Sciences. The Institute of Physical Chemistry imeni L.V. Pissarzhevskiy was established in 1927. It applied the nitrogen heavy isotope for studying the mechanism of chemical processes. The Institute of Organic Chemistry has

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Institute of Mining has designed a mining combine for the operation under loose rocks of the manganese and brown coal deposits and an original methane-analyzer of continuous action. The Institute of Construction Mechanics has developed methods for calculating the strength of various hydrotechnical constructions. The Institute of Hydrology and Hydrotechnics has worked on the problem of utilization of the Ukraine's water resources. The Institute of Electrotechnics has developed new devices for the condenser electric welding of thin machine parts and new automatic devices, in particular automatic regulators for the turning angle of hydroturbine blades. The Ministry of Health Protection of the Ukrainian SSR has 40 institutes and 17 higher medical educational institutions. The Academy of Agricultural Sciences has 17 zone and branch scientific research institutions and 21 regional state experimental stations. About 1,500 scientific workers are employed in the institutes and experimental stations of the Ministry of Agricultural Sciences. Social sciences in the Ukraine have been developed in the situation of fighting various bourgeois ideologies: Ukrainian bourgeois nationalists, decadents, cosmopolites, anti-scientific concepts of the "Pokrovskiy school" and bourgeois-national-

Card 4/5

SHCHERBAN', A.N.; FURMAN, N.I., inzhener; ZAYTSEV, V.I., inzhener;
ERENBURG, I.I., inzhener; BARZILOVICH, P.P., inzhener.

Automatic continuous duty methane testers. Bezop.truda v prom.
1 no.8:25-29 Ag '57. (MLRA 10:8)

1.Deystvitel'nyy chlen AN USSR (for Shcherban') 2.Institut
gornogo dela AN USSR (for Shcherban', Furman) 3. Zavod "Krasnyy
metallist" (for Zaytsev, Erenburg) 4.Glavukruglemash (for Barzilovich)
(Methane) (Gas detectors)

SHCHERBAN', Aleksandr Nazar'yevich; TSYRUL'NIKOV, Anatoliy Semenovich;
KUCHEROV, P.S., otvetstvennyy red.; PECHKOVSKAYA, O.M., red. izd-va;
BOGDANOVA, S.M., tekhn. red.

[Permeability of coal beds to gas] Gazopronitsaemost' ugol'nykh
plastov. Kiev, Izd-vo Akad. nauk USSR, 1958. 108 p. (MIRA 11:8)

1. Chlen-korrespondent Akademii nauk Ukrainskoy SSR (for Kucherov).
(Coal) (Methane)

SECHERBAN¹, Aleksandr Nazarovich, YAGEL'SKIY, Anatoliy Naumovich, BARATOV,
EMIL' Iosifovich, KUCHEROV, P.S., otv.red.; ZIL'BAN, M.D., red.;
SKLYAROVA, V.Ye. tekhn.red.

[Simplified methods for making thermal calculations for mine
ventilation in Donets Basin mines] Uproshchennye sposoby teplovykh
raschetov rudnogo vozdukh v shakhtakh Donbassa. Izd. 2.,
perer. i dop. Kiev, Izd-vo Akad.nauk USSR, 1958. 156 p. (MIRA 11:5)

1. Chlen-korrespondent AN USSR (for Kucherov)
(Donets Basin—Mine ventilation)

Shcherban' A. K.

AUTHOR: Shcherban', A. K., Academician and Vice-president, Academy of Sciences, Ukr. SSR

TITLE: The Tasks of Scientists in Developing the Productive Forces of the Ukraine (Zadachi vchen/zh v razvitii proizvoditel'nykh sil Ukrainy)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, Nr 3, pp. 39-45 (USSR)

ABSTRACT: The rapid growth of the political economy and the creation of a powerful socialist industry have caused the necessity of a perfection of the organization forms of management in all branches of industry and building activity, in order to guarantee a more systematic exploitation of the immense reserves and possibilities of the socialist economy. A broad view on productive connections with the production organizations is given to the scientists of the AN Ukrainian SSR by the establishment of technical- and economical advisory boards of the economic councils, the principal task of which is the investigation of general problems of the development of industry, of labor productivity, of reduction of prime

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costs and of quality improvement. In October 1957 groups of scientists under the direction of members of the academy have visited 10 economic councils and treated all assigned problems. Furthermore, plans to a large extent only for the future, in all branches of economy are described in detail. Among the work already finished and started, respectively, the following is mentioned: a device for air cooling in the deep pits in the district of the economic council of Stalinsk; as well as a continuously operating methane analyzer. The Institute for Metallurgy together with industry experts elaborates a blast-furnace-processing with blowing in of natural gas into the blast furnace frame, and investigates the effect of arsenic upon the quality of the steel. Particularly important is the problem of taking part of the scientists of the All Ukrainian SSR in the elaboration of the prospective plans for the years to come 1959-1965. The activity of the academic institutions must be connected with manufacturing. Very soon, the existing scientific institutes are to be extended, and, where it seems to be necessary, they are to be newly established, respectively. In 1957 3 departments of the mining institute were established in Stalino, which soon

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are to be extended. Also the laboratory for high transports in Dnepropetrovsk will be completed and reorganized. In the coal basin of L'vovsko-Volynskiy a research station will be established, as well. In Kiyev in the work "Toshelektropribor" a research group of the institute for electrical engineering has been established. In Khar'kov, Stalino and Dnepropetrovsk departments of the Institute for Economics have been founded. The elaborated scientific proposals must be considered in the expanded plan of the USSR for the years 1957-1967.

ASSOCIATION: Akademiya nauk USSR (Academy of Sciences of the Ukr SSR)

AVAILABLE: Library of Congress

1. Economic conditions-USSR
2. Industry-Development-USSR

Card 3/3

SHCHERBAN', A.N. [Shcherban', O.N.]. akademik; BARATOV, E.I.

Effect of extracted coal on the temperature of mine air at
working faces [with summary in English]. Dop.AN USSR no.12:
1313-1315 '58. (MIRA 12:1)

1. AN USSR (for Shcherban'). 2. Institut teploenergetiki
AN USSR.

(Coal mines and mining)

SHCHERBAN', A.N., akademik; BARATOV, E.I., inzh.

Artificial air cooling in Donets Basin mines. Bezop.truda v prom.
(MIRA 11:11)
2 no.10:3-5 0 '58.

1. AN USSR (for Shcherban'). 2. Insitut gornogo dela AN USSR.
(Donets Basin--Mine ventilation)

SHCHERBAN', A.N., akademik; BARATOV, E.I., kand.tekhn.nauk; KREMNEV, O.A.,
kand.tekhn.nauk

Problems of temperature control in deep Donets Basin mines.
Ugol' Ukr. 2 no.10:33-38 0 '58. (MIRA 12:1)

1. Institut teploenergetiki AN USSR. 2. AN USSR (for Shcherban').
(Donets Basin--Coal mines and mining--Air conditioning)

SHCHERBAN, A.N., akademik

Air conditioning in coal mines. Nauka i zhyttia 8 no.11:20-23
II '58. (MIRA 13:5)

1. AN USSR.
(Coal mines and mining--Air conditioning)

SHCHERBAN', A.H., akademik

Tasks of scientists in developing the productive forces of the
Ukraine. Vest.AN SSSR 28 no.2:39-45 F '58. (MIRA 11:5)

1. Vitse-prezident Akademii nauk USSR.
(Ukraine--Technology)

SHCHERBAN', O.N., akademik

Tasks of the institutes of the Academy of Sciences of the Ukrainian
S.S.R. in developing the productive forces in the economic regions of
the Ukrainian S.S.R. Visnyk AN URSR 29 no.1:27-36 Ja '58.
(MIRA 11:4)

1. Vitse-prezident AN URSR.
(Ukraine--Research, Industrial)

SHCHERBAN', Aleksandr Nazarovich [Shcherban', O.N.], akademik; SHVETS,
I.T., akademik, glavnyy red.; KOVALEVSKIY, V.V., red.

[Prospects of the development of atomic power] Perspektivy
rozvytku atomnoi energetyky. Kyiv, 1959. 49 p. (Tovarystvo
dlia poshyrennia politychnykh i naukovykh znan' URSR. Ser.5,
no.9). (MIRA 12:9)

1. Akademiya nauk USSR (for Shcherban', Shvets).
(Atomic power)

SHCHERBAN', A.N.; TSYRUL'NIKOV, A.S.; BARATOV, E.I.; RYZHENKO, I.A.;
APONINA, G., red.; MATUSEVICH, S., tekhn.red.

[Determining the length of stopes in coal mines] Opređelenie
dliny ochistnykh zaboev ugol'nykh shakht. Kiev, Gos.izd-vo
tekhn.lit-ry USSE, 1959. 125 p. (MIRA 13:3)
(Mine ventilation) (Stoping (Mining))

SHCHERBAN', Aleksandr Nazar'yevich, akademik; KREMNEV, Oleg Aleksandrovich, kand.tekhn.nauk; TITOVA, N.M., red.izd-va; KADASHEVICH, O.A., tekhn.red.

[Scientific bases for the calculation and regulation of thermal conditions in deep mines] Nauchnye osnovy rascheta i regulirovaniya teplovogo rezhima glubokikh shakht; v dvukh tomakh. Kiev, Izd-vo Akad.nauk USSR. Vol.1. [Scientific bases for the calculation of thermal conditions in deep mines] Nauchnye osnovy teplovogo rascheta glubokikh shakht. 1959. 427 p. (MIRA 13:3)

1. AN USSR; zaveduyushchiy laboratoriyey gornoy teplotekhniki Instituta teploynergetiki AN USSR (for Shcherban'). 2. Zaveduyushchiy laboratoriyey teploobmena Instituta teploenergetiki AN USSR (for Kremnev).
(Mine ventilation) (Heat--Transmission)

SHCHERBAN', A.

Strengthening the ties between science and industrial production.
NTO no.2:13-15 F '59. (MIRA 12:2)

1. Vitse-prezident AN USSR.
(Research, Industrial)

11(7)

SOV/21-59-7-13/25

AUTHOR: Shcherban', A.N. Member ASUkrSSR and Paratov, T.I.

TITLE: Method for Calculating the Length of the Coal Face
by the Heat Factor

PERIODICAL: Dopovidi Akademii Nauk Ukrain's'koi RSR, 1959, Nr 7,
pp 753-755 (UkrSSR)

ABSTRACT: The authors propose a formula for determining the
limiting length of the coal face by the heat factor. .
It is established that the limiting length of coal
faces quickly decreases with an increase in the depth
of mine workings. There are 8 mathematic formulas, 1
table and 4 Soviet references.

ASSOCIATION: Institut teploenergetiki AN UkrSSR (Institute of Heat-
power Engineering ASUkrSSR)

SUBMITTED: February 18, 1959

Card 1/1

SHCHERBAN', Aleksandr Nazar'yevich; STARIKOV, N.A., akademik,
otv. red.; TITOVA, I. M., red. izd-va YEFIMOVA, M.I.,
tekhn. red.

[Development of the coal deposits of the People's Republic
of Bulgaria] Razrabotka ugol'nykh mestorozhdenii Narodnoi
Respubliki Bolgarii; tekhnicheskii ocherk. Kiev, Izd-vo
Akad.nauk USSR, 1959. 32 p. (MIRA 16:7)

1. Akademiya nauk Ukr.SSR (for Starikov).
(Bulgaria--Coal mines and mining)

SHCHERBAN', A.N., akademik; BARATOV, E.I., kand.tekhn.nauk

Determining the maximum length of a stope according to the thermal factor. Ugol' Ukr. 3 no.9:9-11 S '59.

(MIRA 13:2)

1. Institut teploenergetiki AN USSR. 2. AN USSR (for Shcherban').

(Coal mines and mining--Safety measures)
(Mine ventilation)

SHCHERBAN', A.N., akademik: BUTAYEV, O.A.; FURMAN, N.I.; TEREENT'YEV, N.F.

Automatic methane indicator for gas reducer plants and compressor
stations of main gas pipelines. Gas. prom. 4 no.4:42-45 Ap '59.
(MIRA 12:6)

(Gas, Natural--Pipelines) (Gas detectors)

PHASE I BOOK EXPLOITATION SOV/5482

- Shcherban', Aleksandr Nazar'yevich, Oleg Aleksandrovich Kremnev, and Nina Mikhaylovna Titova
- Svoystva vlazhnogo vozdukha pri davleniyakh 500-1000 mm rt. st.; tablitsy i diagrammy (Properties of Moist Air With Pressure of 500-1000 mm Hg; Tables and Diagrams) Moscow, Gosgortekhnizdat, 1960. 131 p. Errata slip inserted. 2,000 copies printed.

Ed. of Publishing House: I. V. Khodneva; Tech. Ed.: Z. A. Boldyreva.

PURPOSE : This manual is intended for the designers of all types of ventilation and air-conditioning equipment used in various branches of the national economy, and may be helpful to technical personnel concerned with fire prevention in mines.

COVERAGE: The manual contains detailed tables and diagrams of moist air within wide limits of variation of pressure (500 to 1000 millimeters Hg), temperature (-30° to +60°C), and relative humidity (0 to 100%). On the basis of these tables it is

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Properties of Moist Air (Cont.)

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possible to determine moist air parameters and the processes of their variation. These data are necessary for the rational designing of ventilation and air-conditioning equipment. No personalities are mentioned. There are no references.

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| Card 2/4. | |

SHCHERBAN', Aleksandr Nazar'yevich; KREMNEV, Oleg Aleksandrovich;
TITOVA, N.M., red.izd-va; ROZENTSVEYG, Ye.N., tekhn.red.

[Scientific basis for the calculation and control of thermal
conditions in deep mines] Nauchnye osnovy rascheta i reguliro-
vaniya teplovogo rezhima glubokikh shakht. Kiev. Izd-vo Akad.
nauk USSR. Vol.2. 1960. 346 p. (MIRA 13:8)

(Mine ventilation)

(Mines and mineral resources--Air conditioning)

SHCHERBAN', Aleksandr Nazar'yevich; KREMNEV, Oleg Aleksandrovich;
ZHURAVLENKO, Viktor Yakovlevich; CHERNOBYL'SKIY, I.I., otv.red.;
BATNIKOVA, A.P., red.izd-va; BERESLAVSKAYA, L., tekhn.red.;
SHKLYAR, S.Ya., tekhn.red.

[Handbook for calculating mine heat and designing air-conditioning
equipment] Spravochnoe rukovodstvo po teplovym raschetam shakht
i proektirovaniu ustanovok dlia okhlazhdenia rudnichnogo vozdukh.
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960.
407 p.

(MIRA 14:4)

(Mine ventilation)

SHCHERBAN', A.N. [Shcherban', O.N.], akademik; BARATOV, E.I.

Effect of roof control method on thermal conditions in deep
Donets Basin mines. Dop.AN URSR no.2:177-180 '60. (MIRA 13:6)

1. Institut teploenergetiki AN USSR. 2. AN USSR (for Shcherban').
(Mine sanitation)

SHCHERBAN', O.N.; FURMAN, N.I.

Industrial IM-2 apparatus for the continuous automatic analysis
of mine gas. Sbir. prats' inst. hir. spravy AN URSS no.6:74-87
'60. (MIRA 13:9)

(Mine gases)

(Gases--Analysis)

SHCHERBAN', A.N. [Shcherban', O.N.], akademik; RYZHENKO, I.A. [Ryzhenko, I.O];
SKOROBOGAT'KO, A.A. [Skorobogat'ko, A.A.]

Determining the site of average air velocity measurement in mines with
rectangular and square cross sections. Dop.AN URSR no.8:1050-1052
'60. (MIRA 13:9)

1. Institut teploenergetiki AN USSR i Kiyevskiy gosudarstvennyy
universitet im. T.G. Shevchenko.
(Mine ventilation)

SHCHERBAN', A.N. [Shcherban', O.N.], akademik; TSYRUL'NIKOV, A.S. [TSyrul'nykov, A.S.]; TERESHCHENKO, V.G. [Tereschchenko, V.H.]

Methods of thermal calculations for mine air at coal faces. Dop.
AN URSR no.9:1211-1218 '60. (MIRA 13:10)

1. Institut teploenergetiki AN USSR. 2. AN URSR (for Shcherban').
(Mine ventilation)

RYZHENKO, I.A. [Ryzhenko, I.O.]; SHCHERBAN', A.N., [Shcherban', O.N.],
akademik

Ventilation stream parameters characterizing the removal of dust
from mines with a circular cross-section. Dop. AN USSR no.10:1384-
1387 '60. (MIRA 13:11)

1. Institut teploenergetiki AN USSR. 2. AN USSR (for Shcherban').
(Mine ventilation)

SHCHERBAN', A.N. [Shcherban', O.N.], akademik; KREMNEV, O.A. [Kremn'ov, O.O.];
KOZLOV, Ye.M. [Kozlov, I.E.M.]; SHELIMANOV, V.A. [Shelimanov, V.O.]

Principles for calculating the temperature and relative humidity of
air in mines. Dop. AN URSS no. 11: 1527-1529 '60. (MIRA 13:11)

1. Institut teploenergetiki AN USSR. 2. AN USSR (for Shcherban').
(Mine ventilation)

SHCHERBAN', A.N., -akademik; TSYRUL'NIKOV, A.S., dotsent; RYZHENKO,
I.A., gornyy inzhener

Determining the face length by the gas emission factor.
Ugol' Ukr. 4 no.5:43-44 My '60. (MIRA 13:8)
(Mine gases) (Coal mines and mining)

SHCHERBAN', A. N., and FURMAN, N. I.

"Automatic Apparatus for Quick Determination of Thermal Constants of Building Materials and Rocks by the Method of Regular Regime."

Report submitted for the Conference on Heat and Mass Transfer, Minsk, BSSR, June 1961.

SECHERBAN', A. N. and KREMNEV, O. A.

"Non-stationary Heat Conductivity of Rocky Masses and
Analytical Methods of Heat Calculations of Shafts."

Report submitted for the Conference on Heat and Mass Transfer, Minsk,
BSSR, June 1961.

RYZHENKO, I.A. [Ryzhenko, I.O.]; SHCHERBAN', A.N. [Shcherban', O.H.] akademik

Settling of dust from ventilation currents through adhering to the walls of mine workings. Dop.AN URSR no.2:197-199 '61. (MIRA 14:2)

1. Institut teploenergetiki AN USSR. 2. AN USSR (for Shcherban').
(Mine dusts)

SHCHERBAN', A.M., akademik, otv. red.; TITOVA, N.M., red. izd-va; LIBER-
MAN, T.R., tekhn. red.

[Transactions of the Seminar on Thermodynamics in Mining] Seminar to
gornoi teplotekhnike; trudy. Kiev, Izd-vo Akad. nauk USSR. No.3. 1961.
131 p. (MIRA 14:12)

1. Akademiya nauk USSR (for Shcherban').
(Mine ventilation)

LYZHENKO, I.A.[yzhenko, I.O.]; SHCHERBAN', A.N.[Shcherban', O.N.], akademik

Pulsation frequency of an air stream [with summary in English].

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